

Amendments to the Specification

Please amend the first paragraph of the Application to read as follows:

[0001] This application is related to U.S. Patent Application No. 10/670,655, ~~Attorney Docket No. 1062/D42~~, entitled “Detection System and Method for Aerosol Drug Delivery”; U.S. Patent Application No. 10/670,641, ~~Attorney Docket No. 1062/D43~~, entitled “Metering System and Method for Aerosol Delivery”; U.S. Patent Application No. 10/670,977, ~~Attorney Docket No. 1062/D44~~, entitled “System and Method for Improved Volume Measurement”; and U.S. Patent Application No. 10/671,278, ~~Attorney Docket No. 1062/D45~~, entitled “System and Method for Aerosol Drug Delivery”; all filed contemporaneously herewith, the entire disclosures of which is are incorporated herein by reference.

Please amend paragraph [0036] to read as follows:

[0036] Atomizer 202c is coupled to air flow sensor system 205. Air flow sensor system 205 can be any known system for measuring air flow or pressure of the aerosolized drug to be output to a patient. For example, air flow sensor system 205 can include an anemometer, a pin-wheel sensor, or any other sensor operable to measure air flow, flow rate or pressure. In the embodiment shown, air flow sensor system 205 is a light scatter detection system that includes light source 205a, light detector 205b, and pressure sensor 205c. Processor 204 is coupled to light source 205a, detector 205b and pressure sensor 205c. Processor 204 is configured to receive a light detection signal 205b and pressure or air flow signal from pressure sensor 205c, and calculate the aerosol volume inside air flow sensor system 205. As stated above, this system is described in detail in copending

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United States Patent Application titled "Detection System and Method for Aerosol Drug
Delivery," Serial Number 09/ 10/670,655.